



WATER AWARENESS WEEK 2006/2007

TEACHING RESOURCES

REGION 3

CLASSROOM PRESENTATIONS

FIELD TRIPS

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CONTACTS

CLASSROOM PRESENTATIONS

Disappearing Wetlands

Frank showcases various reptiles discussing their need for a clean place to live. Reptiles include Savannah Monitor Lizard, Western Terrestrial Garter Snake, Great Basin Gopher Snake, Rubber Boa, Black Pine Snake, Corn Snake, and a Python. More information at www.ecosnake.com.

LENGTH: 1 hr CLASS SIZE: 25+ AVAILABLE: Anytime COST: \$250

CONTACT: Frank Lundburg PHONE: 853-9008

Edible Aquifer

Each student constructs their own "aquifer in a glass" using ice, soda pop, ice cream, cookie crumbles, and candy sprinkles. Each ingredient represents a different section of the aquifer, giving students a solid understanding of its basic framework and mechanics, not to mention a tasty treat!

LENGTH: 1/2 hr CLASS SIZE: <28 AVAILABLE: Anytime: 2-wk notice

CONTACT: Stephanie Raddatz AGENCY: United Water PHONE: 362-7336

FEMA/Flooding

Call for more information.

LENGTH: 3/4 hr CLASS SIZE: <28 AVAILABLE: Anytime

CONTACT: Brayton Willis AGENCY: Army Corp of E. PHONE: 345-2064

Ground Water and Landfills

Students learn the effect that landfills can have on ground water, how impacts can be minimized through waste stream management, and how new landfill regulations help protect ground water.

LENGTH: 1/2 hr CLASS SIZE: <28 AVAILABLE: Anytime: 2-wk notice

CONTACT: Ted Hutchinson AGENCY: Ada County PHONE: 577-4725

Ground Water Protection

Students learn how much fresh water is on the planet, what ground water is, how it moves underground, and how it gets contaminated.

LENGTH: 1 hr CLASS SIZE: <28 AVAILABLE: Anytime

CONTACT: Jennie Rylee AGENCY: City of Boise PHONE: 514-4845

Household Hazardous Waste

Students learn the dangers of household products, how to handle them safely, how to dispose of them properly, how to read their labels, and alternatives to hazardous products.

LENGTH: 3/4 - 1 hr CLASS SIZE: <28 AVAILABLE: Anytime

CONTACT: Jennie Rylee AGENCY: City of Boise PHONE: 514-4845

Weather, Air Pollution, and the Environment

Students learn what causes air pollution, how the weather mobilizes it, and how air pollution can harm other environmental systems.

LENGTH: 1 hr CLASS SIZE: <28 AVAILABLE: Anytime

CONTACT: Leonard Herr AGENCY: DEQ PHONE: 373-0457

Papermaking

Students make paper by recycling old office paper. They learn how reusing materials conserves water and other resources.

LENGTH: 3/4-1.5 hr CLASS SIZE: <28 AVAILABILITY: Anytime

CONTACT: Jennie Rylee AGENCY: City of Boise PHONE: 514-4845

Storm Water Protection

This presentation shows students what watersheds are and where water travels after it rains, sources of storm water pollution, and what they can do to protect storm water quality.

LENGTH: 1 hr CLASS SIZE: <28 AVAILABLE: Anytime

CONTACT: Jennie Rylee AGENCY: City of Boise PHONE: 514-4845

Trees and the Water Cycle

This presentation explores the movement of water through a tree, and back into the atmosphere. It shows how trees take water out of the ground, how they use the water and how the trees benefit us.

LENGTH: 1/2-3/4 hr CLASS SIZE: <28 AVAILABLE: Anytime: 2-wk notice

CONTACT: Nicole Kirchner AGENCY: City of Boise PHONE: 384-4083

Red Worm Composting

Students will understand what a worm eats, its digestive and reproductive systems, how to make a worm bin at home, how to feed the worms, and why worms are good for the environment.

LENGTH: 1/2-1 hr CLASS SIZE: <28 AVAILABLE: Anytime

CONTACT: Jennie Rylee AGENCY: City of Boise PHONE: 514-4845

Weather and Outdoor Water Conservation

Students learn how weather data can help determine the amount of water needed to grow healthy grass. This includes demonstrations on measuring the output of a sprinkler and calculating the number of minutes per week the sprinkler needs to run to apply the proper amount of water. Other water conservation tips included.

LENGTH: 1 hr CLASS SIZE: 28 AVAILABLE: Anytime: 2-wk notice

CONTACT: Stephanie Raddatz AGENCY: United Water PHONE: 362-7336

Water Safety

Students learn how to put on a personal flotation device, the importance of wearing the device before an accident happens, and the effect cold water has on the human body and how it causes drownings.

LENGTH: 1 hr CLASS SIZE: <28 AVAILABLE: Anytime: 2-wk notice

CONTACT: Larry Graves AGENCY: Coast Guard Aux. PHONE: 867-1808

Backyard Composting

Students will learn the importance and benefits of composting, what compost is, how to compost, the biology of the compost pile, and what materials can be composted.

LENGTH: 1 hr CLASS SIZE: <28 AVAILABLE: Anytime

CONTACT: Jennie Rylee AGENCY: City of Boise PHONE: 514-4845

Recharge the Aquifer

Through an interactive ground water demonstration model, students will learn how contamination and industry use affects our local water supply. Also learn what Micron is doing to recharge the aquifer. Email arbaker@micron.com for more information about this and other Micron programs.

LENGTH: 3/4 hr CLASS SIZE: <30 AVAILABLE: Anytime, 2-wk notice

CONTACT: Alecia Baker AGENCY: Micron Tech., Inc. PHONE: 368-5933

Pollution and a Healthy Environment: Like Oil and Water

Students pollute clean water and view the properties of different types of water mixtures. They discuss how water can become polluted, how the properties of the pollutant can affect the ability to clean the water, and how they can prevent water pollution.

LENGTH: 1/2 hr CLASS SIZE: <30 AVAILABLE: Anytime, 2-wk notice

CONTACT: Amy Luft AGENCY: DEQ PHONE: 373-0478

FIELD TRIPS

When it Rains...It Drains, Exhibit

An interactive tabletop exhibit demonstrates how storm water moves through our environment and the type of pollutants that can enter the river.

CONTACT: Julie Quinn, Boise City Public Works

AVAILABILITY: As needed or call for current location PHONE: 388-4703

Deer Flat National Wildlife Refuge

Visit Lake Lowell, one of the largest man-made lakes in the west. Spectacular concentrations of water fowl occur on the lake during peak migration periods. Other wildlife also use the habitat.

CONTACT: Susan Kain AVAILABILITY: As needed PHONE: 467-9278

ADDRESS: 13751 Upper Embankment Road, Nampa

Lucky Peak Dam

A guided tour that discusses the many uses of water – irrigation, recreation, power generation, and flood control.

CONTACTS: Joyce Dunning or Jamie Howard, U.S. Army Corp. of

Engineers AVAILABILITY: Tours scheduled jointly with Hydro Power

Plant (below) PHONE: 343-0671 ADDRESS: Below Lucky Peak Dam

Hydro Power Plant

Students will learn how hydroelectric power is generated.

CONTACT: Becky Townsley AVAILABILITY: 10 am or 1 pm, Tue or Wed,

PHONE: 343-2091 ADDRESS: Below Lucky Peak Dam

Storm Water Treatment

A demonstration of how wetlands can be used as a storm water treatment system. Email diane.miller@id.nacdn.net for more information.

Contact: Diane Miller AVAILABILITY: 30-day notice PH: 888-1890 x 101

ADDRESS: Just west of Ada County Library on Victory near Five Mile

Swan Falls Power Plant

Shows the many uses of water – irrigation, recreation, power generation, flood control, and hydroelectric generation. Includes a museum of how electricity has changed through the years.

AVAILABLE: Monday – Friday; need 2-day notice PHONE: 388-6960

ADDRESS: 27201 Swan Falls Rd.

United Water Treatment Plant

A guided tour that includes discussions on the water cycle, water quality, and water conservation.

CONTACT: Nancy Orcutt, United Water AVAILABILITY: 11a.m. or 1p.m.,

2-week notice PHONE: 362-7354 ADDRESS: 500 Marden Ln., Boise

West Boise Wastewater Treatment Plant

A guided tour that shows students the wastewater collection and treatment system.

CONTACTS: Rich Dees, Boise Public Works AVAILABILITY: As needed

PHONE: 938-8093 ADDRESS: 11818 Joplin Road

WEB SITES: DRINKING WATER

http://www.deq.idaho.gov/water/prog_issues.cfm#Drink

Provides links to a variety of drinking water topics, including contaminants in drinking water and frequently asked questions.

http://www.deq.idaho.gov/water/prog_issues/ground_water/wells/overview.cfm

Discusses issues related to drinking water and private wells.

<http://www.epa.gov/safewater/index.html>

Discusses ground water and drinking water issues.

<http://www.epa.gov/OGWDW/kids/>

Provides links to activities for kids dealing with ground water and drinking water.

<http://www.leerica.lsu.edu/educat/lesson4.htm>

Provides an activity for understanding the “smallness” of parts per million/billion and for filtering out water impurities.

CONTACT LIST: REGION 3

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Liz Cody

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Symantha Miller

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